

ATTORNEY DOCKET NO. 07050.0009U1
SERIAL NO. 09/899,518

AMENDMENTS

In the claims:

1. (Currently amended) A catalyst system ~~suited~~ for use in the rearrangement of epoxides to allylic alcohols, comprising:
 - a) at least one primary catalyst comprising at least one ~~homogeneous or heterogeneous, inorganic, organic or complex metal containing compound~~ metal oxide, metal carbonate, metal carboxylate, metal acetylacetonate, calcium hydroxide, magnesium hydroxide, or barium hydroxide; and
 - b) at least one activator/modifier comprising at least one phenolic compound, wherein the activator/modifier is present in an amount effective to improve the activity and/or selectivity of the primary catalyst in the rearrangement of an epoxide to an allylic alcohol as compared to the use of the primary catalyst without the activator/modifier.
2. (Cancelled).
3. (Currently amended) The catalyst system according to claim 21, wherein the at least one phenolic compound comprises ~~is selected from among~~ a phenol, a mono- or polysubstituted alkylphenols, a nitrophenols, an aminophenols, an hydroxyphenols, an alkoxyphenols, an hydroxyacetophenones, a salicylic acids or and a derivatives thereof of salicylic acid.
4. (Cancelled).
- 5.-29. (Cancelled).

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30. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises a metal carboxylate.
31. (New) The catalyst system of Claim 1, wherein the at least one activator/modifier comprises an aminophenol.
32. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises magnesium hydroxide and the at least one activator/modifier comprises carvacrol.
33. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises calcium hydroxide and the at least one activator/modifier comprises carvacrol.
34. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises calcium hydroxide and the at least one activator/modifier comprises thymol.
35. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises calcium hydroxide and the at least one activator/modifier comprises 2-hydroxyacetophenone.
36. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises calcium oxide and the at least one activator/modifier comprises isoamyl salicylate.
37. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises calcium oxide and the at least one activator/modifier comprises benzyl salicylate.

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38. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises calcium oxide and the at least one activator/modifier comprises isopropyl salicylate.
39. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises zinc carbonate and the at least one activator/modifier comprises carvacrol.
40. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises zinc carbonate and the at least one activator/modifier comprises 2-aminophenol.
41. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises zinc carbonate and the at least one activator/modifier comprises 2-nitrophenol.
42. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises zinc octoate and the at least one activator/modifier comprises 2-nitrophenol.
43. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises zinc octoate and the at least one activator/modifier comprises 2-aminophenol.
44. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst is zinc octoate and the at least one activator/modifier is 2-aminophenol.
45. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst comprises zinc acetylacetonate and the at least one activator/modifier comprises 2-nitrophenol.

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46. (New) The catalyst system of Claim 1, wherein the at least one primary catalyst is present in an amount in the range of from 0.05 weight percent to 10 weight percent relative to an epoxide and the at least one activator/modifier is present in an amount in the range of from 0.025 weight percent to 10 weight percent relative to the epoxide.
47. (New) The catalyst system of Claim 3, wherein the salicylic acid derivative is an ester or an amide.